

## Contents of Volume 72

Numbers 1 and 2, June 1995

### Research Papers

- Analysis of the 170-kDa lectin gene promoter of *Entamoeba histolytica*  
H. Buß, C. Lioutas, S. Dobinsky, R. Nickel and E. Tannich (Germany) 1
- Trypanosoma brucei dihydrofolate reductase-thymidylate synthase: gene isolation and expression and characterization of the enzyme  
F. Gammaro, P.-L. Yu, J. Zhao, U. Edman, P.J. Greene and D. Santi (USA) 11
- Transient expression mediated by the *Trypanosoma cruzi* rRNA promoter  
R.E. Tyler-Cross, S.L. Short, L.M. Floeter-Winter and G.A. Buck (USA, Brasil) 23
- The putative promoter for a metacyclic VSG gene in African trypanosomes  
Y. Lu Nagoshi, C.M. Alarcon and J.E. Donelson (USA) 33
- Free radical detoxification in *Giardia duodenalis*  
D.M. Brown, J.A. Upcroft and P. Upcroft (Australia) 47
- Purification and characterization of  $\gamma$ -glutamylcysteine synthetase from *Ascaris suum*  
A.S. Hussein and R.D. Walter (Germany) 57
- RNA-protein interactions in the ribonucleoprotein T-complexes in a mitochondrial extract from *Leishmania tarentolae*  
E. Byrne, F. Bringaud and L. Simpson (USA) 65
- Extensive diversity in repeat unit sequences of the cDNA encoding the polypeptide antigen/allergen from the bovine lungworm *Dictyocaulus viviparus*  
C. Britton, J. Moore, J.S. Gilleard and M.W. Kennedy (UK) 77
- Genetic diversity and population structure of *Trypanosoma brucei*: clonality versus sexuality  
F. Mathieu-Daudé, J. Stevens, J. Welsh, M. Tibayrenc and M. McClelland (USA, UK, France) 89
- Sequences with high propensity to form G-quartet structures in kinetoplast DNA from *Phytomonas serpens*  
D. Sá-Carvalho and Y.M. Traub-Cseko (Brazil) 103
- Processing of the *Plasmodium chabaudi chabaudi* AS merozoite surface protein 1 in vivo and in vitro  
K.P. O'Dea, P.G. McKean, A. Harris and K.N. Brown (UK) 111
- Isoprenylation of proteins in the protozoan *Giardia lamblia*  
H.D. Luján, M.R. Mowatt, G.-Z. Chen and T.E. Nash (USA) 121
- Cloning and characterization of a putative calcium-transporting ATPase gene from *Schistosoma mansoni*  
R.L. De Mendonça, E. Beck, F.D. Rumjanek and A. Goffeau (Belgium, Germany, Brazil) 129
- A role for second messengers in the control of activation-associated modification of the surface of *Trichinella spiralis* infective larvae  
J. Modha, J.R. Kusel and M.W. Kennedy (UK) 141
- Selection of diversity at putative glycosylation sites in the immunodominant merozoite/piroplasm surface antigen of *Theileria* parasites  
B.R. Shiels, C. D'Oliveira, S. McKellar, L. Ben-Miled, S.-i. Kawazu and G. Hide (UK, Netherlands, Tunisia, Japan) 149
- A *Plasmodium falciparum* protein kinase with two unusually large kinase inserts  
B. Kappes, J. Yang, B.W. Suetterlin, K. Rathgeb-Szabo, M.J. Lindt and R.M. Franklin (Switzerland) 163
- Induction of *Plasmodium falciparum* sporozoite-neutralizing antibodies upon vaccination with recombinant Pfs16 vaccinia virus and/or recombinant Pfs16 protein produced in yeast  
I.I.M.D. Moelans, J. Cohen, M. Marchand, C. Molitor, P. De Wilde, J.F. Van Pelt, M.R. Hollingdale, W.F.G. Roeffen, W.M.C. Eling, C.T. Atkinson, M. Aikawa, J.G.G. Schoenmakers and R.N.H. Konings (Netherlands, Belgium, USA) 179
- Sexual-stage-specific RNA expression of a new *Plasmodium falciparum* gene detected by in situ hybridisation  
D.A. Baker, J. Thompson, O.O. Daramola, J.M.R. Carlton and G.A.T. Targett (UK) 193

Extensive polymorphism at the Gp63 locus in field isolates of <i>Leishmania peruviana</i> J.R. Espinoza, A.C. Skinner, C.R. Davies, A. Llanos-Cuentas, J. Arevalo, C. Dye, W.R. McMaster, J.W. Ajioka and J.M. Blackwell (UK, Peru, Canada)	203
Differentiation of a culture-adapted mutant bloodstream form of <i>Trypanosoma brucei</i> into the procyclic form results in growth arrest of the cells M.C. Mutomba and C.C. Wang (USA)	215
The structure of the large subunit rRNA expressed in blood stages of <i>Plasmodium falciparum</i> A.P. Waters, W. White and T.F. McCutchan (USA, The Netherlands)	227
<i>Short Communications</i>	
Cloning and sequencing of an excretory/secretory antigen from <i>Ostertagia ostertagi</i> fourth-stage larvae containing multiple tandem repeats D.C. De Graaf, L.J. Peelman, E. Claerebout, H. Hilderson, H.D.F.H. Schallig and J. Vercruysse (Belgium, The Netherlands)	239
Evidence for proteolytic processing of a cuticle collagen in a plant-parasitic nematode C. Ray and R.S. Hussey (USA)	243
Purification and partial characterization of the cytosolic malate dehydrogenase from protoscolices of <i>Echinococcus granulosus</i> F. Agüero, Y. Repetto, U. Hellman and J.J. Cazzulo (Argentina, Chile, Sweden)	247
<i>Corrigendum</i>	
Molecular cloning and expression of an immunodominant 53-kDa excretory-secretory antigen from <i>Trichinella spiralis</i> muscle larvae [Mol. Biochem. Parasitol. 42 (1990) 165] D.S. Zarlenga and H.R. Gamble (USA)	253
<i>Announcement</i>	255
<i>Contents to Volume 72</i>	257
<i>Instructions to Authors</i>	

